

## Bosch Automotive Handbook

Updated 6th Edition

by Robert Bosch GmbH

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1232 pages, over 1000 b/w photos and illustrations

### All about automotive engineering in a pocket book

For years, the **Bosch Automotive Handbook** has set the standard for practical, concise and illuminating explanations of the design and operation of automotive systems. This indispensable reference book has now been almost completely revised for the 6th edition.

New and updated topics in the 6th edition include aerodynamics, emissions reduction systems and multimedia systems. Additionally, over fifty subjects from the previous edition have been either completely updated, revised or extended. This new edition adds over 270 new pages to the previous 5th edition.

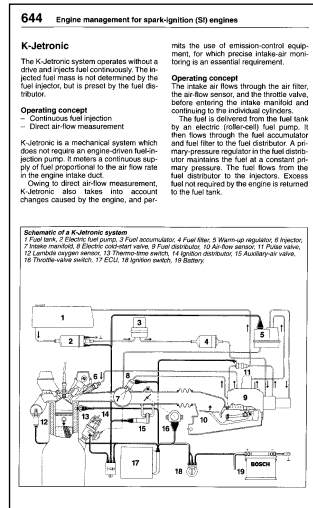
Do you want to know how electronic fuel injection works? The **Automotive Handbook** will tell you. How to calculate the factors affecting tire adhesion and braking distance? The different testing methods for material hardness? Again, the **Automotive Handbook** will tell you. With more than one thousand cut-away illustrations, diagrams, tables and sectional drawings, the **Automotive Handbook** makes even sophisticated automotive concepts easy to visualize and understand.

The **Bosch Automotive Handbook**, a reliable guide full of up-to-date and concise information, has grown over a period of six decades from a calendar supplement of 96 pages to a 1232 page reference work. In that time, over a million copies have been produced worldwide and the text has been translated into numerous languages.

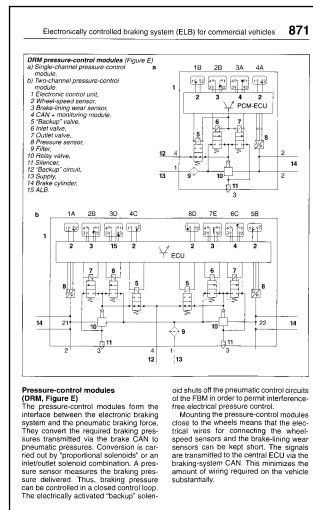
In the realms of technical literature, the **Bosch Automotive Handbook** has long since established itself as a source of precise information on the subject of automotive technology.

#### New topics in the 6th edition include:

- Hydrostatics
- Aerodynamics
- Mechatronics
- Coating systems
- Friction-engagement connections
- Positive-engagement connections
- Engine lubrication
- Emissions reduction systems
- Diagnostics
- Commercial-vehicle braking management as the platform for commercial-vehicle driver assistance systems
- Analog and digital signal transmission
- Mobile information services
- Fleet management
- Multimedia systems
- Development methods and application-engineering tools for electronic systems
- Sound design
- Vehicle wind tunnels
- Environmental management
- Workshops technology



Engine management for spark-ignition (SI) engines — K-Jetronic  
 Sample page from *Bosch Automotive Handbook*



Electronically controlled braking system (ELB) for commercial vehicles — Pressure-control modules  
 Sample page from *Bosch Automotive Handbook*